What Is Claimed Is:

1. An imaging material comprising a support having disposed thereon:

- a) at least one/image-forming layer, and
- b) at least one transparent electrically conductive antistatic layer that comprises electronically conductive polymer particles, a neutral-charge conductivity enhancer, and a hydrophilic polymeric binder.
- 2. The imaging material of claim 1 wherein said electronically conductive polymer particles comprise from 5 to 95 weight % of the total weight of said at least one antistatic layer.
- 3. The imaging material of claim 1 wherein said support is an unsubbed support.
- 4. The imaging material of claim 1 wherein said neutral-charge conductivity enhancer is present in an amount from 0.02 to 90 weight % based on the total weight of said antistatic layer.
- 5. The imaging material of claim 1 wherein said electronically conductive polymer particles comprise a pyrrole-, thiophene-, or aniline-containing polymer.

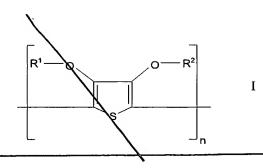
6. The imaging material of claim 1 wherein said antistatic layer comprises electronically conductive polymer particles of a polythiophene present in a cationic form with a polyanion, said polythiophene comprising recurring units defined by the following Formula I wherein R_1 and R_2 are independently hydrogen or a substituted or unsubstituted alkyl group having 1 to 4 carbon atoms, or together form a substituted or unsubstituted group or a substituted or

5W2

unsubstituted 1,2-cyclohexylene group

Sulv, X

oomsagarss



- 7. The imaging material of claim 1 wherein said antistatic layer is a subbing layer on said support and has at least one additional layer disposed thereon.
- 8. The imaging material of claim 1 wherein said neutral-charge conductivity enhancer is:
 - (A) represented by the following Structure II:

 $(OH)_n$ -R- $(COX)_n$

II

wherein m and n are independently an integer of from 1 to 20, R is an alkylene group having 2 to 20 carbon atoms, an arylene group having 6 to 14 carbon atoms in the arylene chain, a pyran group, or a furan group, and X is -OH or -NYZ, wherein Y and Z are independently hydrogen or an alkyl group, or

- (B) a sugar, sugar derivative, polyakylene glycol, or glycerol compound.
- 9. The imaging material of claim 8 wherein said neutral-charge conductivity enhancer is a N-methylpyrrolidone, pyrrolidone, caprolactam, N-methylcaprolactam, N-octylpyrrolidone, sucrose, glucose, fructose, lactose, sugar alcohol, 2-furan carboxylic acid, 3-furan carboxylic acid, sorbitol, glycol,

ethylene glycol, glycerol, diethylene glycol, or triethylene glycol, or a mixture of any two or more of these compounds.

- 10. The imaging material of claim 9 wherein said neutral-charge conductivity enhancer is N-methylpyrrolidone, pyrrolidone, caprolactam, N-methyl caprolactam, or N-octylpyrrolidone.
- 11. The imaging material of claim 9 wherein said neutral-charge conductivity enhancer is ethylene glycol, diethylene glycol or glycerol.
- 12. The imaging material of claim 6 wherein said polyanion is polystyrene sulfonic acid.
- 13. The imaging material of claim 9 wherein said neutral-charge conductivity enhancer is one or more than one compound selected from the group consisting of N-methylpyrrolidone, sorbitol, ethylene glycol, glycerol, and diethylene glycol.
- 14. The imaging material of claim 9 wherein said neutral-charge conductivity enhancer is ethylene glycol, glycol or glycerol.
- 15. The imaging material of claim 1 wherein said hydrophilic binder comprises a water-dispersible or water-soluble polymer.
- 16. The imaging material of claim 1 wherein said hydrophilic binder comprises carboxymethyl cellulose, hydroxyethyl cellulose, cellulose acetate butyrate, diacetyl cellulose, or triacetyl cellulose or other hydrophilic cellulose derivatives.

- 17. The imaging material of claim 1 wherein said hydrophilic binder comprises polyvinyl alcohol, poly-N-vinylpyrrolidone, acrylic acid copolymers, polyacrylamide or their derivatives or partially hydrolyzed products, or other hydrophilic synthetic resins.
- 18. The imaging material of claim 1 wherein said hydrophilic polymeric binder is gelatin or a derivative thereof.
- 19. The imaging material of claim 1 wherein said electronically conductive polymer particles exhibit a packed powder specific resistivity of 10⁵ ohm·cm or less.
- 20. The imaging material of claim 1 wherein said electronically conductive polymer particles have a mean diameter of 0.5 μ m or less.
- 21. The imaging material of claim 1 wherein said electronically conductive polymer particles have a mean diameter of 0.1 μ m or less.
- 22. The imaging material of claim 1 wherein said electronically conductive polymer particles are present in said antistatic layer at a dry coverage of from 0.002 to 0.5 g/m².
- 23. The imaging material of claim 22 wherein said electronically conductive polymer particles are present in said antistatic layer at a dry coverage of from 0.003 to 0.1 g/m².
- 24. The imaging material of claim 1 wherein said at least one antistatic layer has a surface electrical resistivity of less than 1×10^{12} ohm per square.

- 25. The imaging material of claim 24 wherein said at least one antistatic layer has a surface electrical resistivity of less than 1×10^{10} ohm per square.
- 26. The imaging material of claim 24 wherein said at least one antistatic layer has a surface electrical resistivity of less than 1×10^8 ohm per square.
- 27. The imaging material of claim 1 wherein said support comprises a poly(ethylene terephthalate), poly(ethylene naphthalate), or cellulose acetate film, or an uncoated, resin coated, laminated, or synthetic paper.
- 28. The imaging material of claim 1 wherein said antistatic layer further comprises an antihalation composition.
- 29. The imaging material of claim 1 comprising at least one of said antistatic layers on each side of said support.
- 30. The imaging material of claim 1 wherein said at least one image-forming layer comprises a photosensitive silver halide.
- 31. The imaging material of claim 30 wherein said at least one photosensitive silver halide-containing layer is on the same side of the support as said antistatic layer.
- 32. The imaging material of claim 30 wherein said at least one photosensitive silver halide-containing layer is on the opposite side of the support as said antistatic layer.

- 33. The imaging material of claim 31 wherein said photosensitive silver halide-containing layer is underneath said antistatic layer.
- 34. The imaging material of claim 31 wherein said photosensitive silver halide-containing layer is disposed over said antistatic layer
- 35. The imaging material of claim 1 comprising at least one image-forming layer on each side of said support.
- 36. The imaging material of claim 31 comprising at least one photosensitive silver halide-containing layer on each side of said support.
- 37. The imaging material of claim 36 comprising at least one of said antistatic layers on each side of said support.
- 38. The imaging material of claim 1 wherein said image-forming layer is a non-silver halide imaging layer.
- 39. The imaging material of claim 1 wherein said image-forming layer is a thermally imageable layer.
- 40. The imaging material of claim 1 wherein said image-forming layer is a photosensitive, thermally developable layer.
- 41. The imaging material of claim 1 wherein said image-forming layer is a electrophotographic imaging layer.
- 42. The imaging material of claim 1 wherein said image-forming layer is a black-and-white photographic silver halide emulsion layer.

- 43. The imaging material of claim 1 wherein said at least one image-forming layer is a color photographic silver halide emulsion layer.
- 44. The imaging material of claim 1 wherein said image-forming layer is a thermal head or laser transfer donor or receiving layer.
- 45. The imaging material of claim 1 that is a black-and-white photographic film or paper.
- 46. The imaging material of claim 43 that is a black-and-white radiographic film.
- 47. The imaging material of claim 1 that is an infrared radiation sensitive imaging or scannable material.
- 48. The imaging material of claim 1 that is a color photographic color negative or reversal film, color motion picture film or print, or a photographic color paper.